

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS EXCURSION DETECTION

the specification of which is attached hereto, unless the following box is checked:

which was filed on _____,
and assigned serial number _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application on which priority is claimed:

Application number	Country	Filing date	Priority claimed	Certified Copy
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 199(e) of any United states Provisional application listed below:

Application number	Filing date
--------------------	-------------

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application number	Filing date	Patent number, if applicable
--------------------	-------------	------------------------------

I hereby appoint the following attorneys, with full power of substitution and revocation, to prosecute this application and any other applications based thereon and to transact all business in the United States Patent and Trademark Office and any other competent international authorities in connection therewith:

ATTORNEY	REG. #	ATTORNEY	REG. #
Andrew S. Neely	28,979	Rick Barnes	39,596
Mark S. Graham	32,355	Mark P. Crockett	47,507
Robert O. Fox	34,165	J. David Gonce	47,601
David E. LaRose	34,369	Michael T. Lukon	48,164
Geoffrey D. Kressin	28,730	Kevin McAndrews	34,496
Michael E. Sellers	39,831	Marius Domokos	48,153

and request that all correspondence and telephone calls in respect to this application be directed to:

CUSTOMER NUMBER 00408

LUEDEKA, NEELY & GRAHAM
P.O. Box 1871
Knoxville TN 37901

Attn: Rick Barnes

Phone: 1.865.546.4305
Fax: 1.865.934.0444

Email: RBarnes@LNG-Patent.com

Attorney docket: 58551.US

I hereby authorize the attorneys named herein to accept and follow instructions from **KLA-Tencor Technologies Corporation** as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the attorneys and myself. I hereby waive any right to revoke such power of attorney and appoint substitute attorneys, and grant all such powers to **KLA-Tencor Technologies Corporation**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

58551.dee.doc

Full name of inventor:

Patrick Y. Huet

11-17-03

Date

Inventor's signature

Residence:

393 Conestoga Way, San Jose CA 95123

Post Office Address:

393 Conestoga Way, San Jose CA 95123

Citizenship:

Belgium

Full name of inventor:

Robinson Piramuthu

17 November 2003

R. Piramuthu

Date

Residence:

526 Doyle Road #4, San Jose CA 95129

Post Office Address:

526 Doyle Road #4, San Jose CA 95129

Citizenship:

India

Inventor's signature

Full name of inventor:

Martin Plhal

11/17/03

Martin Plhal

Date

Inventor's signature

Residence:

1794 Magnolia Circle, Pleasanton CA 94566

Post Office Address:

1794 Magnolia Circle, Pleasanton CA 94566

Citizenship:

United States of America

Full name of inventor:

Christopher W. Lee

4/8/03

Inventor's signature

Date

Christopher W. Lee

Residence:

983 Springview Circle, San Ramon CA 94583

Post Office Address:

983 Springview Circle, San Ramon CA 94583

Citizenship:

United States of America

Full name of inventor:

17 November 2003

Cho H. T h

Chih-hsien

Date

Inventor's signature

Residence:

11286 Terra Bella Drive, Cupertino CA 95014

Post Office Address:

11286 Terra Bella Drive, Cupertino CA 95014

Citizenship:

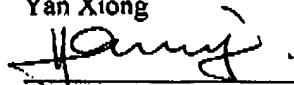
Singapore

Full name of inventor:

11-07-2003

Date

Yan Xiong



Inventor's signature

Residence:

792 Durshire Way, Sunnyvale CA 94087

Post Office Address:

792 Durshire Way, Sunnyvale CA 94087

Citizenship:

China